



Permit

Number: SAS-2066-7221

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REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
4400 PGA Blvd, Suite 500
Palm Beach Gardens, FL 33410

FEB 16 2007

Palm Beach Gardens Regulatory Office
SAJ-2006-7221 (NW-JWH)

Palm Beach County
Environmental Resources Management
2300 North Jog Rd
West Palm Beach, FL 33411

Dear Sirs:

Your application for a Department of the Army permit received on October 10, 2006, has been assigned number SAJ-2006-7221(NW-JWH). A review of the information and drawings provided shows the proposed work is to excavate an oxbow, along the north bank of the C-18 canal, and to construct 2 weirs in the westernmost black water creek channel. The project is located in the Limestone Creek Natural Area along the north bank of the C-18 canal between the bridges at Island Way and Central Blvd., Jupiter, (Section 3, Township 41 S, Range 42 E) in Palm Beach County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 27. In addition, project specific conditions have been enclosed. This verification is valid until March 18, 2007. This verification is valid until the NWP is modified, reissued, or revoked prior to March 18, 2007. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are issued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit. Please access the U.S. Army Corps of Engineers' Jacksonville District's Regulatory web address at <http://www.saj.usace.army.mil/permit/permitting/nwp.htm> to access web links to view the Final Nationwide Permits, Federal Register 67, January 15, 2002, the Corrections to the Final Nationwide Permits, Federal Register 67, February 13, 2002, and the List of Regional Conditions. These files contain the

description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 27. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers. Mail the completed form to the Regulatory Division, Enforcement Section, Post Office Box 4970, Jacksonville, Florida 32232-0019.
2. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date.
3. Prior to the initiation of any work authorized by this permit, floating turbidity screens with weighted skirts shall be placed around the construction area. Turbidity curtains must be adequate in length to control turbidity, yet of such length to preclude scouring of resources whether weighted or staked in place.
4. The permittee shall adhere to the attached standard manatee construction conditions.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. In Florida, projects qualifying for this NWP must be authorized under Part IV of Chapter 373 by the Department of Environmental Protection, a water management district under

§. 373.069, F.S., or a local government with delegated authority under §. 373.441, F.S., and receive Water Quality Certification (WQC) and Coastal Zone Consistency Concurrence (CZCC) (or a waiver), as well as any authorizations required by the State for the use of sovereignty submerged lands. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

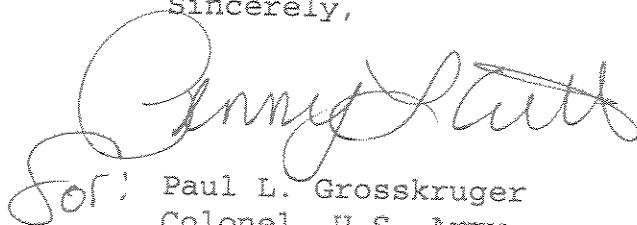
This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Justin W. Hughes by telephone at 561-472-3519.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey:

http://www.saj.usace.army.mil/permit/forms/customer_service.htm.
Your input is appreciated - favorable or otherwise.

Sincerely,



for: Paul L. Grosskruger
Colonel, U.S. Army
District Commander

Enclosures

Copy/ies Furnished:

Miller Legg - Mark Brandenburg
2005 Vista Parkway, Suite 100, West Palm Beach, FL 33411-2719

bcc:

CESAJ-RD-PE

GENERAL CONDITIONS
33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on date identified in the letter. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-27

Application Number: SAJ-2006-7221(NW-JWH)

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations): _____

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: _____

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

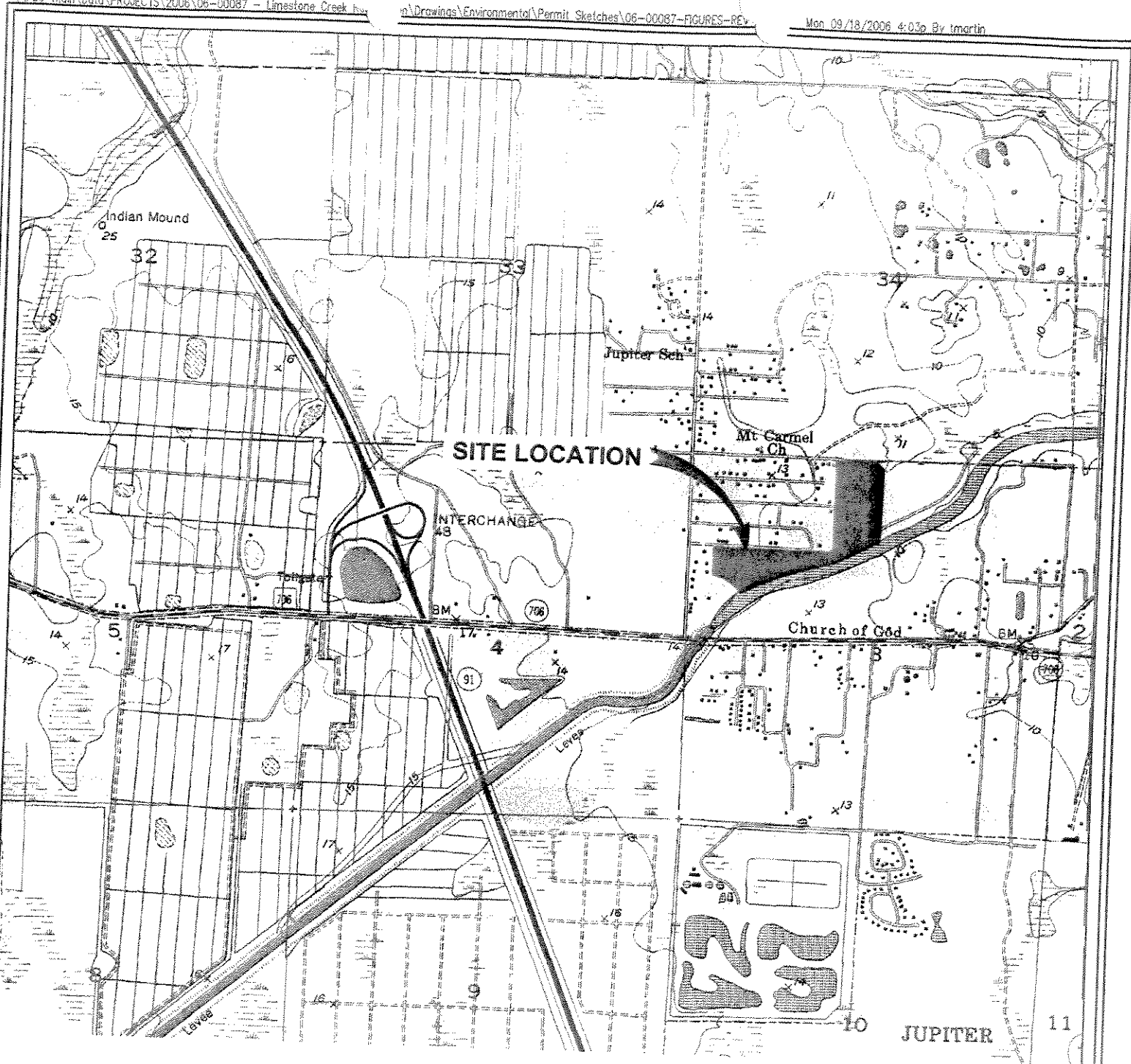
(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)



LEGEND:

APPROX. PROJECT BOUNDARY (± 31 AC)

0 1000 2000

1 INCH = 2000 FEET

Coordinate System: FLORIDA STATE PLANE NAD83

Project File No.

06-00087

Top. Proj. Sm.

41/42/03

Date Crs'd

9/18/06

MILLER LEGG

Palm Beach Office: 2005 Vista Parkway - Suite 100
West Palm Beach, Florida • 33411-2719
561-689-1138 • Fax: 561-689-9108
www.millerlegg.com

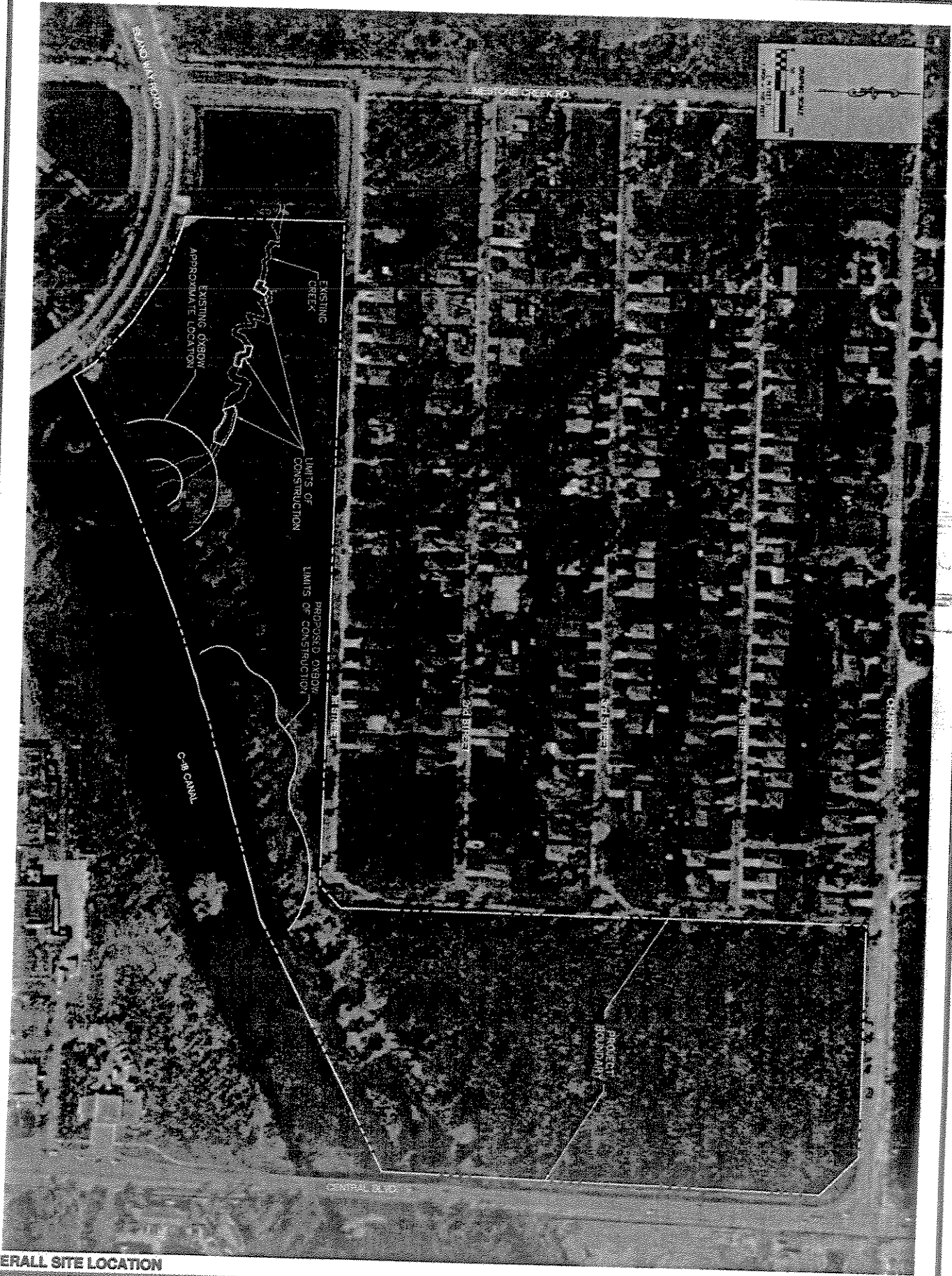
LIMESTONE CREEK

JUPITER, FLORIDA

FOR: PALM BEACH COUNTY, FLORIDA

FIGURE 2

USGS
TOPO
MAP



OVERALL SITE LOCATION

DATE	06-00087
BY	MLL
CHECKED	LEG
DATE	06-00087
BY	MLL
CHECKED	LEG
DATE	06-00087
BY	MLL
CHECKED	LEG

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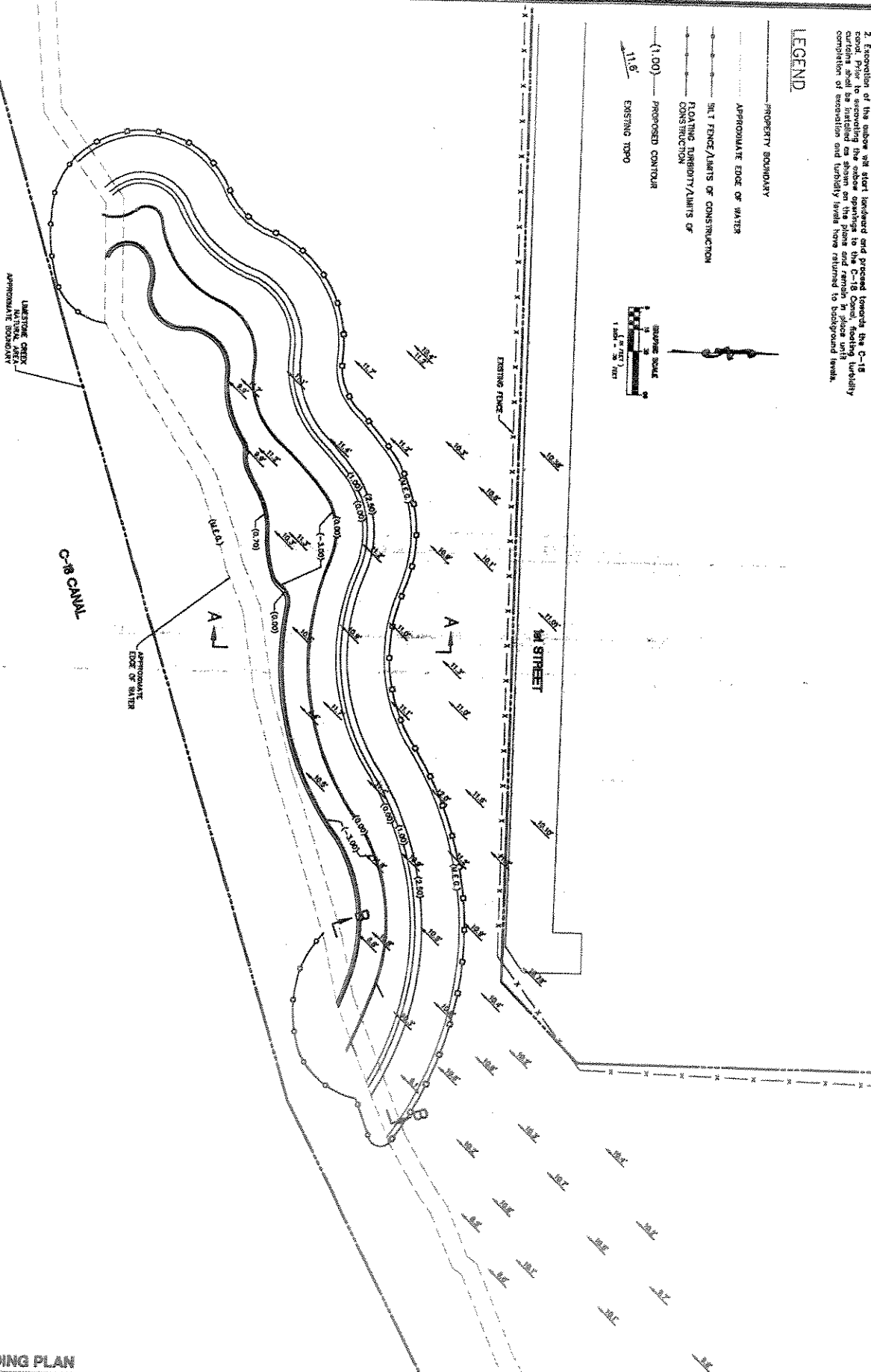
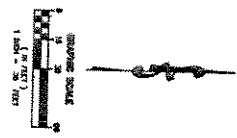
LIMESTONE CREEK JUPITER, FLORIDA

© 2006 MILLER LEGG

- Notes:**
1. Grading to occur in open areas; no shrubs or trees shall be removed or impacted during construction except those indicated on the plans directly within the construction area.
 2. Elevation of the embankment shall start landward and proceed toward the C-18 Canal. The embankment shall be constructed to the C-18 Canal, meeting turbidity curbs and shall be installed at the same time as the embankment. The embankment shall be constructed to the C-18 Canal, meeting turbidity curbs and shall be installed at the same time as the embankment. The embankment shall be constructed to the C-18 Canal, meeting turbidity curbs and shall be installed at the same time as the embankment.

LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE EDGE OF WATER
- SILT FENCE LIMITS OF CONSTRUCTION
- FLOATING TURBIDITY LIMITS OF CONSTRUCTION
- (1.00) PROPOSED CONTOUR
- 11.6' EXISTING TIRPO



OXBOW GRADING PLAN

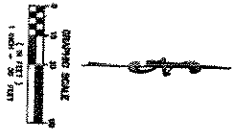
MILLER LEGG
 Public Works Office 2000 West Parkway Suite 100
 West Palm Beach, Florida 33411-2718
 Tel: 407-1122 Fax: 407-420-0100

LIMESTONE CREEK
 JUPITER, FLORIDA

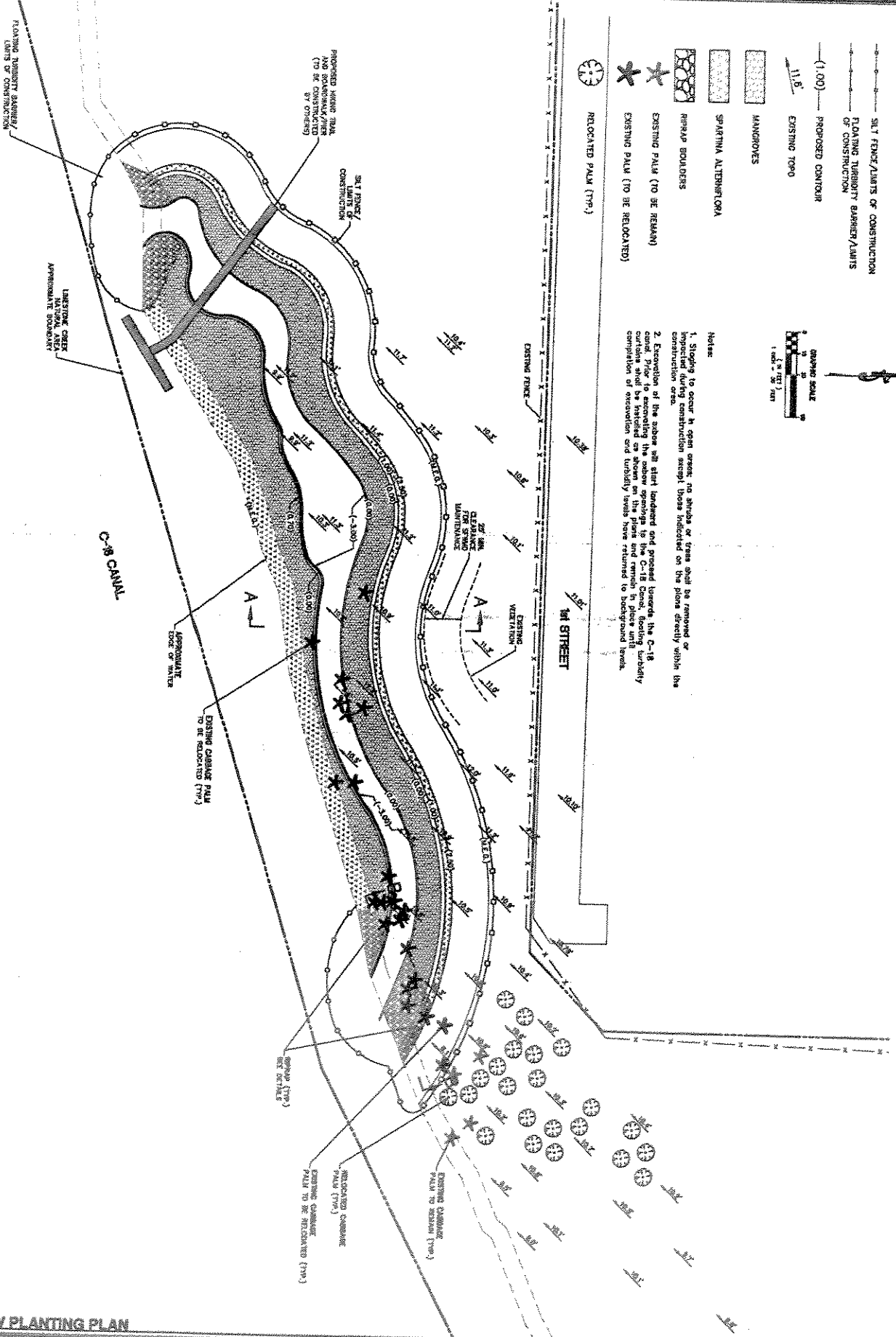
DATE	07/24/08
BY	08-00087
CHECKED	
APPROVED	
SCALE	
PROJECT	
SHEET	

LEGEND

- APPROXIMATE EDGE OF WATER
- SALT FENCE/LIMITS OF CONSTRUCTION
- FLOATING TURBIDITY BARRIER/LIMITS OF CONSTRUCTION
- (1.00) PROPOSED CONTOUR
- 11.6' EXISTING TOPO
- MANGROVES
- SPARTINA ALTERNIFLORA
- REMAP BOULDERS
- EXISTING PALM (TO BE REMAIN)
- EXISTING PALM (TO BE RELOCATED)
- RELOCATED PALM (TYPE)



- Notes:
1. Stopping to occur in open areas, no shrubs or trees shall be removed or impacted during construction except those indicated on the plans directly within the construction area.
 2. Excavation of the above will start landward and proceed landward to the C-18 canal. Prior to excavating the above openings to the C-18 Canal, floating turbidity barriers will be installed on stream on the plans and remain in place until completion of excavation and turbidity walls have returned to background levels.

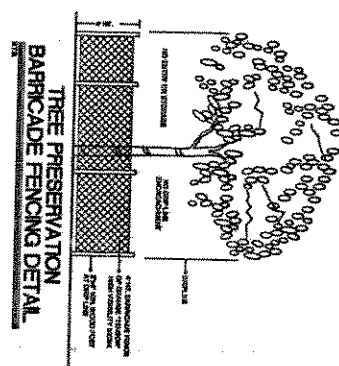
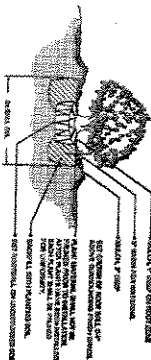
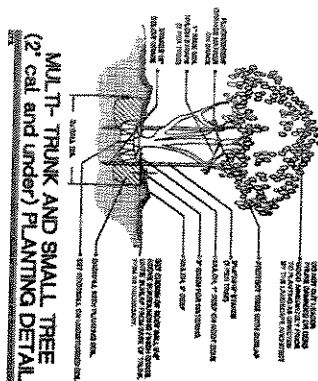
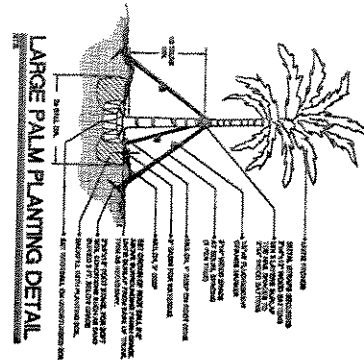


OXBOW PLANTING PLAN

MILLER LEGG
 Plant Design Group 2000 State Parkway - Suite 100
 West Palm Beach, Florida 33411-4270
 561-832-1120 Fax 561-832-4120

LIMESTONE CREEK
 JUPITER, FLORIDA

06-00087

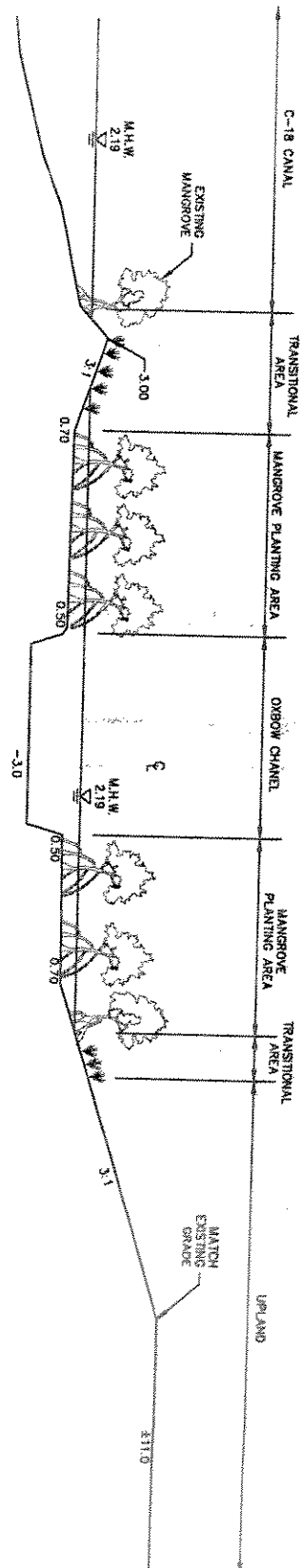


- GENERAL NOTES:** All plant material shall be Florida or as near as possible as established by "Ordinance and Standards for PLANT MATERIALS," of the State of Florida, Department of Agriculture.
1. All trees, shrubs and groundcovers shall be of the sizes as specified in the Plant List.
 2. 1. Quantities listed on the Plant List are for estimating purposes. Contractor shall verify all quantities. Plants topsoil, fertilizer, etc. shall be included in the unit cost of the plants.
 3. Where there is a discrepancy either in quantities, plant names, sizes or specifications between the plan or plant list, the plan takes precedence.
 4. The planting plan shall be installed in compliance with all existing codes and applicable deed restrictions.
 5. PLANTING SOIL: All trees and shrubs (except palm and Sabal groundcovers) shall be planted with a minimum of 2" topsoil and beneath the rootball. Minimum topsoil shall be 6" for groundcover areas and 2" for seeded grass areas. The necessary planting soil as per details.
 6. Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All details to existing utilities or improvements installed by Contractor will be required at no additional cost to the Owner.
 7. Contractor to notify "Florida State One Call or Florida, Inc. at 1-800-437-4770 Two Day Business Days prior to digging for underground utility locations.
 8. Contractor shall be responsible for providing final grading of all associated planting areas.
 9. After final grade, area to be related to a depth and all rock and foreign inorganic materials removed and disposed of properly off-site.
 10. All planting holes to be hand dug except where machine dug holes will not adversely affect or damage utilities or improvements (see note 12).
 11. No piling of any trees or plants will be accepted. All plants to be planted at the nursery grade or slightly higher.
 12. Contractor shall stake 1/4" all trees and plants at time of planting as per the appropriate detail. Contractor is responsible for the maintenance and safety of all staking and girdling during delivery period and removal & disposal of staking after establishment period.
 13. Fertilizer for grass areas shall be NPK 32-4-8 or 23-5-20 fertilizer or both together. Nitrogen rate, also reduced from 4 lb/1000 sq. ft. to include seedling establishment.
 14. SUBMITTIONS AND CHANGES: All substitutions and changes shall be approved in writing prior to installation. Any discrepancies between plans, site and specifications shall be brought to the immediate attention of the Landscape Architect. The owner and governing municipality.
 15. MATERIALS: All plant material shall be watered in at time of planting in accordance with selected nursery practices. In addition, Contractor will continue watering of plant material until substantial topsoil and no mulch thereafter for a period of 2 months.
 16. All new plant material shall be guaranteed for 1 year from time of final acceptance of project. Any plant material not in a healthy condition for that period will be replaced by the Contractor at no additional cost to the Owner. Plants shipped beyond the original warranty period. All trees 1/4" the warranty period shall be extended on individual ad display re-plant and delivered by the Contractor at no additional cost to the Owner.
 17. The successful bidder shall furnish to the Owner a unit price breakdown for all materials. The Owner may, at its discretion, add or delete from the material's utilizing the unit price breakdown submitted.
 18. Plant material will not be accepted when the bulk of earth surrounding its roots has been washed, broken or otherwise damaged.
 19. Report prices all trees a minimum of (8) weeks prior to planting.
 20. Ground cover plantings may take less than 30 percent coverages immediately upon planting and 100 percent coverage within 6 months after planting.
 21. The proposed barricades shall be provided by Landscape Contractor around existing areas that may be impacted by the landscape activities, owner or governing municipality. Refer to landscape details for tree preservation. Barricade fencing.

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
1	100	TEBBE 4 PALM			
2	100	ALBERTA GARDENS	Black Mangroves	1 GAL.	2' O.C.
3	100	SPURIA ALBERTA	Shrub and grass	1 GAL.	2' O.C.

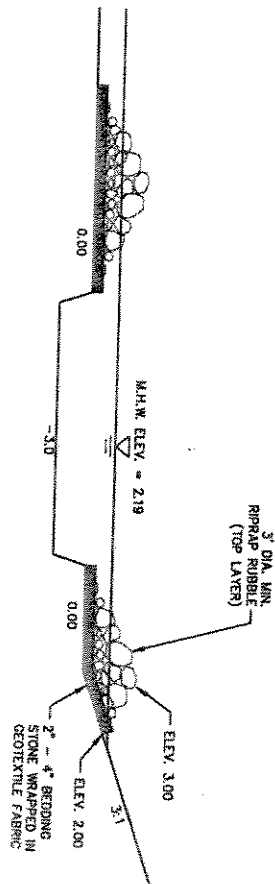
SECTION A-A

NTA



SECTION B-B

NTA



CROSS SECTION

MILLER LEGG
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 West Palm Beach, Florida 33411-0719
 407-400-1120 • Fax 407-400-9100
 www.millerlegg.com

LIMESTONE CREEK
 JUPITER, FLORIDA

DATE	08-00087
SCALE	AS SHOWN
BY	MLL
CHECKED	LEG
APPROVED	

1. Stopping to occur in open areas, no strikes or types shall be removed or inspected during construction except those indicated on the plans directly within the construction area.
2. Excavation of the subsoil with hand and power tools to the C-15 subgrade shall be according the subsoil openings to the C-15 depth, footing turbidity carried on screen on the plans and remove in place until completion of inspection and turbidity levels have returned to background levels.



ASPHALT

APPROXIMATE EDGE OF WATER

SOIL FENCE LIMITS OF CONSTRUCTION

FLOATING THERMOSTAT BARBER LIMITS OF CONSTRUCTION

(1.00)

APPROXIMATE EDGE OF WATER

PROPOSED CONTOUR

EXISTING TOP

11.6

APPROXIMATE EDGE OF WATER



